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	Application No.	Applicant(s)	<i></i>
Notice of Allowability	10/731,269	MURTHY ET AL.	
	Examiner	Art Unit	
•	David Nhu	2818	
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOF the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED or other appropriate comr IGHTS. This application is	in this application. If not included nunication will be mailed in due course. THIS	∍
1. This communication is responsive to 3/3/05.			
2. X The allowed claim(s) is/are 1-21 and 37-46.			
3. \boxtimes The drawings filed on <u>08 December 2003</u> are accepted by	the Examiner.		
 4. ☐ Acknowledgment is made of a claim for foreign priority ur a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have 2. ☐ Certified copies of the priority documents have 	been received.		
 3. Copies of the certified copies of the priority documents International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	cuments have been receiv	ed in this national stage application from the	
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONM THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.	ENT of this application.		
 A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 	itted. Note the attached Exes reason(s) why the oath	(AMINER'S AMENDMENT or NOTICE OF or declaration is deficient.	
 CORRECTED DRAWINGS (as "replacement sheets") mus (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date (b) ☐ including changes required by the attached Examiner's Paper No./Mail Date 	on's Patent Drawing Revi s Amendment / Comment	or in the Office action of	
Identifying indicia such as the application number (see 37 CFR 1, each sheet. Replacement sheet(s) should be labeled as such in the	.84(c)) should be written on he header according to 37 C	the drawings in the front (not the back) of FR 1.121(d).	
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT			
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview Paper No 8), 7. ☑ Examiner 8. ☑ Examiner 9. ☐ Other	. ~	
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EXAMINER'S AMENDMENT

1. Applicant's election of claims 1-21, 37-46 is acknowledged. Because Applicant did not distinctly and specifically point out the supposed error in the restriction requirement, the election has been treated as an election without traverse (MPEP § 818.03(a)). Applicant have the right to file a divisional application covering the subject matter of the non-elected claims 22-36, 47-50.

The traversal is on the ground(s) that see the election paper. This is not found persuasive because the fields of search for method' and device claims are NOT coextensive and the determinations of patentability of method and device claims are different, that is process limitations and device limitations are given weight differently in determining the patentablitity of the claimed inventions. Also, the strategies for doing text searching of the device claims and method claims are different. Thus, separate searches are required.

The requirement is still deemed proper and is therefore made FINAL.

An examiner's amendment to the record appears below. Should the change and/or additions be unaceptable to applicant, an amendment may be filed as provided by 37 CFR
 To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in an interview with Attorney, Jon C. Reali on 3/29/05.

The application has been amended as follows:

Cancel claims 22-36, 47-50.

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REASONS FOR ALLOWANCE

3. Claims 1-21, 37-46 are allowed.

- 4. The following is an examiner's statement of reasons for allowance: None of the references of record teaches or suggests as cited in claims 1, 37: etching a source region and a drain region in a silicon substrate wherein the etching has an undercut profile; forming a nickel silicon germanium silicide layer wherein the nickel silicon germanium silicide layer is self-aligned (as cited in claim 1); etching a source region and a drain region in a silicon substrate wherein the etching has an undercut profile; depositing a silicon germanium alloy has a germanium composition between 15% and 30%; doping the silicon germanium alloy in situ with boron wherein the boron has a doping concentration level of approximately 1*10 /cm; depositing nickel on the silicon germanium alloy; annealing the substrate at a temperature between 325 °C and 450 °C for less than or equal to 60 seconds; removing excess nickel with a wet etch chemistry of hot H2O2 and H2SO4; and annealing the substrate at a temperature between 400 °C and 550 °C (as cited in claim 37).
- 5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

CONCLUSION

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure: Paton et al (6,787,864 B2): MOSFETS Incorporating Nickel Germanossilicided Gate and Methods for Their Formation.

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7. Any inquiry concerning this communication on earlier communications from the examiner

should be directed to David Nhu, (703) 306-5796. The examiner can normally be reached

on Monday-Friday from 7:30 AM to 5:00 PM.

The examiner's supervisor, David Nelms can be reached on (703) 308-4910.

The fax phone number for the organization where this application or proceeding is assigned is

(703) 308-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should

be directed to the receptionist whose telephone number is (703) 308-0956.

David Nhu

March 30, 2005

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